Fort Bragg GIS Soldier Support Center

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XVIII AIRBORNE CORPS

Background Information

In 1999, Fort Bragg contracted with Geographic Technologies Group to customize a computer program to facilitate map production

Why we needed to implement a soldier center

- Needed to reduce the number of map requests through the ITAM offi
- Make data freely available to the troops
- Allow individuals the freedom to create their own maps
- Other available programs did not fit our needs

Advantages of Maptouch

- Setup program gives the administrator complete control over layers, colors, logos, and printer settings

- Utilizes arcview shapefiles and MrSid imagery

- Touchscreen monitor provides an easy to use interface

- Customizable searches for particular features

- Can access files on a network

- Built in RFMSS Link

- Utilizes a hotlink feature for site plans, photographs, etc.

Advantages to the Soldier

- Freedom to design maps for specific training exercises
- Eliminates the 2-3 day waiting period for maps
- Access to a RFMSS calendar for scheduling information
- Provides information on environmental restrictions
- Allows for a better understanding of GIS capabilities

General Operation

- Computer is set up at the Range Control Building, directly accessible to troops

- Developed a user-friendly manual for operating the program

- Provide individual support as needed

- Supplied HP 650C Plotter for map production

- Allow one copy of the produced map - additional copies can be requested at the Training Support Branch.

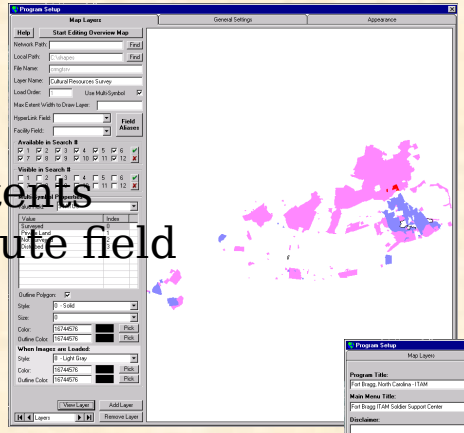
- ITAM will still provide specialty products such as environmental coordination
maps, roll-on-roll off range maps, and drop zone maps

Frequently Produced Maps

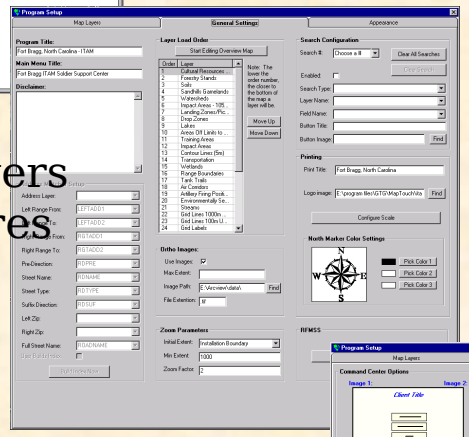
- Training Area maps with environmental restrictions
- Artillery Firing Position locations
- Land Navigation courses

Administrator Setup Program

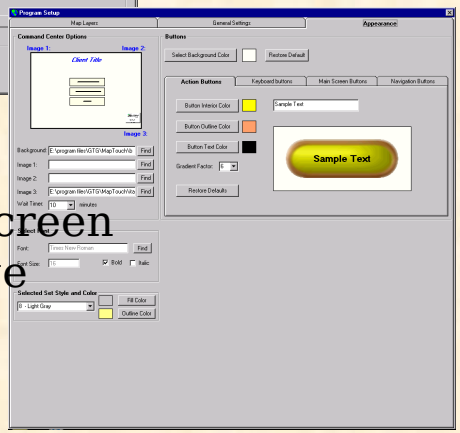
- Set Colors
- Define the label field
- Set minimum and maximum extents
- Establish aliases for each attribute field



- Allows you to set the order of the layers
- Define Searches for particular features
- Define the order the layers display
- Choose the zooming parameters



- Choose the images for the initial screen
- Create your own background image
- Choose button colors, settings

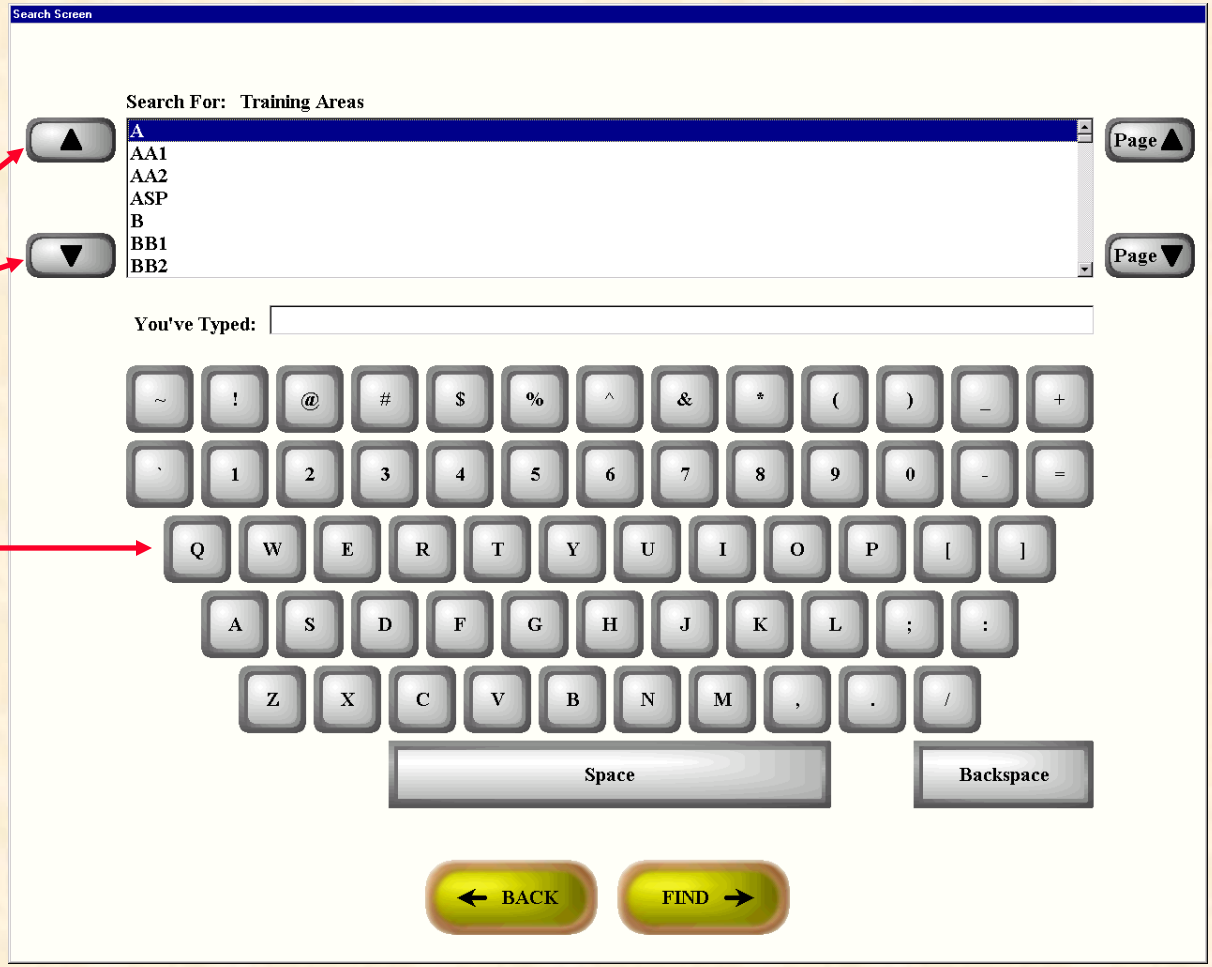


The computer is set up at Range Control for easy access.

Customizable background image and logos.

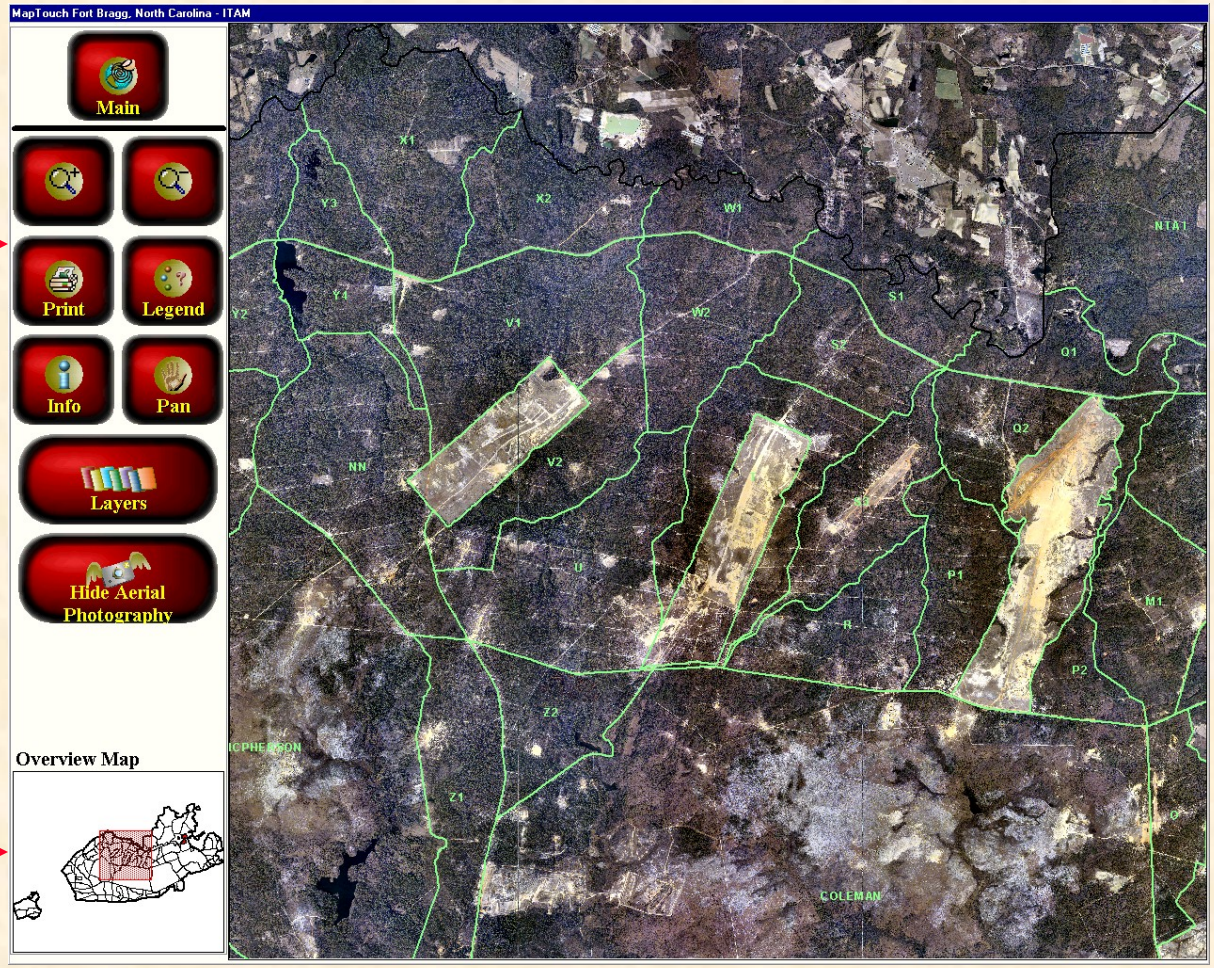
The interface has large, easy to use buttons.

The keypad interface allows for a feature search. The up and down arrows can be used as well.



The map interface has large, easy to use buttons.

An overview map is provided for general orientation.



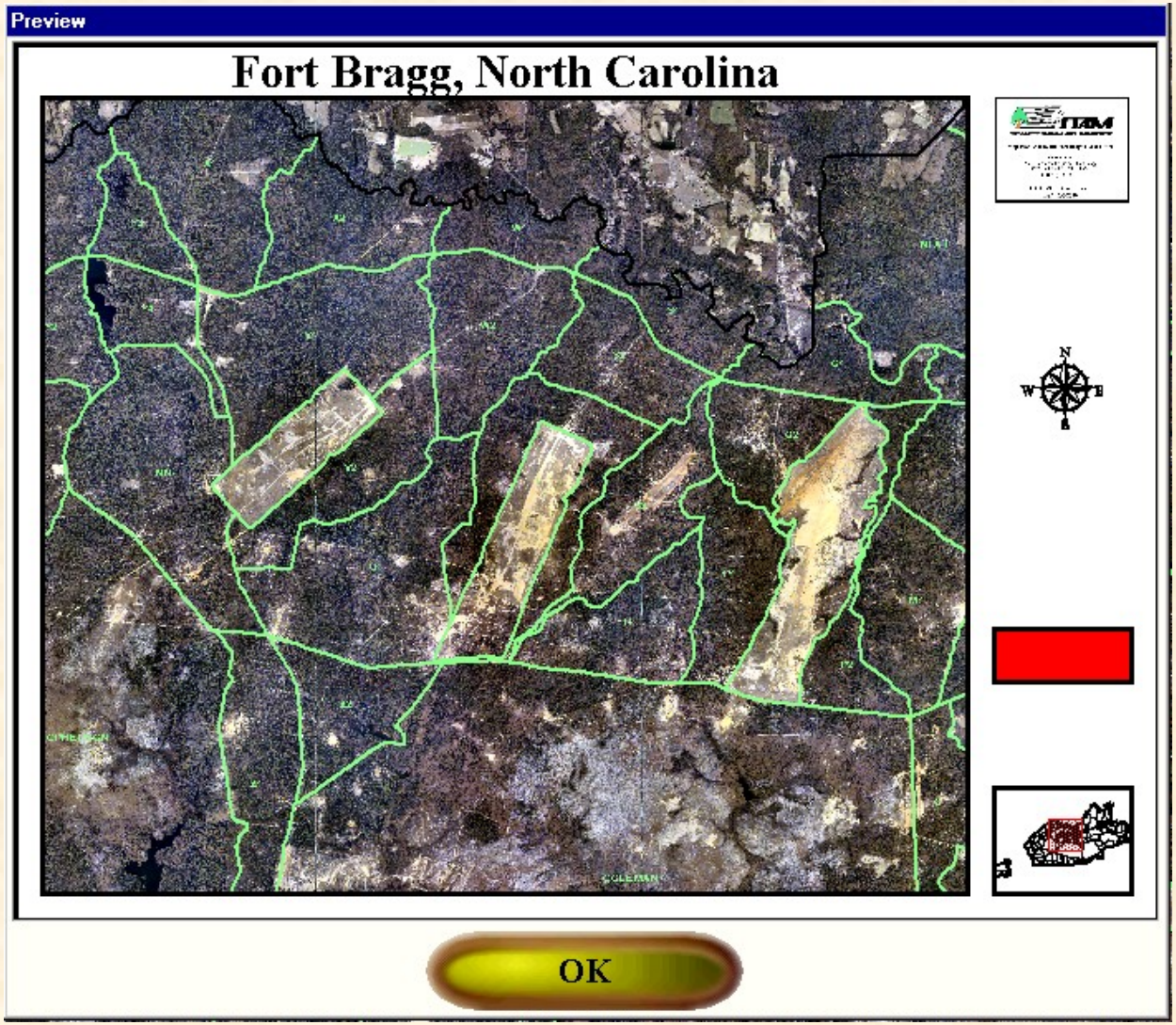
The hotlink feature allows for the individual to see an actual photograph of the range, OP, or artillery firing position of interest.

The RFMSS link provides a 3 month calendar for the Range, OP, or Training Area of interest. The red blocks are cancelled events and the green blocks are reserved.

TRAINING AREA SCHEDULE - FACILITY ID# RG30
August 2001
Sun
Mon
Tue
Wed
Thr
Fri
Sat
1 Event: M249 ZERO Unit: 82 2-325 AIR Status: CUSTOMER CANCELED
2 Event: M249 ZERO Unit: 82 2-325 AIR Status: RESERVATION
3 Event: M249 QUALIFICATION Unit: 407th FSB (A) Status: RESERVATION
4
5
6 Event: M240B/M60 QUALIFICATI Unit: 82 2-504th PIR Status: RESERVATION
7 Event: M249 ZERO Unit: 82 2-504th PIR Status: RESERVATION
8 Event: M240B/M60 QUALIFICATI Unit: 6th PSYOP BN (A) Status: RC CANCELED
9 Event: M249 ZERO Unit: 82 2-504th PIR Status: RESERVATION
10 Event: M240B/M60 TRANSITION Unit: CE 27th ENG BN Status: RESERVATION
11 Event: M240B/M60 QUALIFICATI Unit: NG HQ 1-120 INF BN Status: CUSTOMER CANCELED
12 Event: M240B/M60 QUALIFICATI Unit: NG HQ 1-120 INF BN Status: RC CANCELED
13 Event: M240B/M60 ZERO Unit: 3-504th PIR Status: RESERVATION
14 Event: M240B/M60 QUALIFICATI Unit: 82 2-504th PIR Status: RC CANCELED
15 Event: M240B/M60 QUALIFICATI Unit: 82 1-504th PIR Status: RESERVATION
16 Event: ZERO M240B/M60 Unit: 82 2-504th PIR Status: RESERVATION
17 Event: M249 QUALIFICATION Unit: 3-504th PIR Status: RESERVATION
18 Event: M249 QUALIFICATION Unit: NG 230 SPT Status: RESERVATION
19 Event: M240B/M60 QUALIFICATI Unit: NG HQ 1-120 INF BN Status: RC CANCELED
20
21 Event: M240B/M60 QUALIFICATI Unit: 6th PSYOP BN (A) Status: RESERVATION
22 Event: M249 QUALIFICATION Unit: 3-3 SFGA Status: RESERVATION
23 Event: M249 QUALIFICATION Unit: 3-321 FA Status: RESERVATION
24 Event: M249 QUALIFICATION Unit: 82 2d BDE, 82d Status: RESERVATION
25
26
27
28 Event: M249 TRANSITION Unit: TSB, HHC 1st COSCOM Status: RESERVATION
29 Event: M249 QUALIFICATION Unit: 22nd Marine Expeditionary Status: RESERVATION
30 Event: M249 QUALIFICATION Unit: 22nd Marine Expeditionary Status: RESERVATION
31 Event: M249 TRANSITION Unit: 82 3-505 PIR Status: RC CANCELED
PRINT
EXIT

The Print Preview option allows the user to review their map before they print it.

The map will print to the default printer, allowing the administrator to control the size of the maps.



QUESTIONS??

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